



PCT09

RAW SEQUENCE LISTING

DATE: 08/28/2002

PATENT APPLICATION: US/09/830,328A

TIME: 12:46:59

Input Set : N:\Crf3\08262002\I830328.raw

Output Set: N:\CRF3\08282002\I830328A.raw

1 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.
 2 TANG, Y. Tom
 3 ARGENTINE, Charles C.
 4 CORLEY, Neil C.
 5 GORGONE, Gina A.
 6 GUEGLER, Karl J.
 7 BAUGHN, Mariah R.
 8 <120> TITLE OF INVENTION: TRANSMEMBRANE 4 PROTEINS
 9 <130> FILE REFERENCE: PF-0628 PCT
 10 <140> CURRENT APPLICATION NUMBER: US/09/830,328A
 11 <141> CURRENT FILING DATE: 2002-08-26
 12 <150> PRIOR APPLICATION NUMBER: 09/183,027, unassigned
 W--> 13 <151> PRIOR FILING DATE: 1998-10-29; 1998-10-29
 14 <160> NUMBER OF SEQ ID NOS: 7
 15 <170> SOFTWARE: PERL Program
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 18 <211> LENGTH: 260
 19 <212> TYPE: PRT
 20 <213> ORGANISM: Homo sapiens
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 22 <221> NAME/KEY: misc_feature
 23 <223> OTHER INFORMATION: Incyte ID No: 2651154CD1
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 29 Ala Glu Cys Ile Phe Phe Val Ser Asp Gln His Ser Leu Tyr Pro
 30 35 40 45
 31 Leu Leu Glu Ala Thr Asp Asn Asp Asp Ile Tyr Gly Ala Ala Trp
 32 50 55 60
 33 Ile Gly Ile Phe Val Gly Ile Cys Leu Phe Cys Leu Ser Val Leu
 34 65 70 75
 35 Gly Ile Val Gly Ile Met Lys Ser Ser Arg Lys Ile Leu Leu Ala
 36 80 85 90
 37 Tyr Phe Ile Leu Met Phe Ile Val Tyr Ala Phe Glu Val Ala Ser
 38 95 100 105
 39 Cys Ile Thr Ala Ala Thr Gln Arg Asp Phe Phe Thr Pro Asn Leu
 40 110 115 120
 41 Phe Leu Lys Gln Met Leu Glu Arg Tyr Gln Asn Asn Ser Pro Pro
 42 125 130 135
 43 Asn Asn Asp Asp Gln Trp Lys Asn Asn Gly Val Thr Lys Thr Trp
 44 140 145 150

Does Not Comply
 Corrected Diskette Needed

pg 1,5

list prior application
 number directly above
 its filing date

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45   Asp Arg Leu Met Leu Gln Asp Asn Cys Cys Gly Val Asn Gly Pro
46                               155                      160          165
47   Ser Asp Trp Gln Lys Tyr Thr Ser Ala Phe Arg Thr Glu Asn Asn
48                               170                      175          180
49   Asp Ala Asp Tyr Pro Trp Pro Arg Gln Cys Cys Val Met Asn Asn
50                               185                      190          195
51   Leu Lys Glu Pro Leu Asn Leu Glu Ala Cys Lys Leu Gly Val Pro
52                               200                      205          210
53   Gly Phe Tyr His Asn Gln Gly Cys Tyr Glu Leu Ile Ser Gly Pro
54                               215                      220          225
55   Met Asn Arg His Ala Trp Gly Val Ala Trp Phe Gly Phe Ala Ile
56                               230                      235          240
57   Leu Cys Trp Thr Phe Trp Val Leu Leu Gly Thr Met Phe Tyr Trp
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59   Ser Arg Ile Glu Tyr
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68 <223> OTHER INFORMATION: Incyte ID No: 2674553CD1
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73           20           25           30
74   Val Ser Ala Trp Met Arg Asp Tyr Leu Asn Asn Val Leu Thr Leu
75           35           40           45
76   Thr Ala Glu Thr Arg Val Glu Glu Ala Val Ile Leu Thr Tyr Phe
77           50           55           60
78   Pro Val Val His Pro Val Met Ile Ala Val Cys Cys Phe Leu Ile
79           65           70           75
80   Ile Val Gly Met Leu Gly Tyr Cys Gly Thr Val Lys Arg Asn Leu
81           80           85           90
82   Leu Leu Leu Ala Trp Tyr Phe Gly Ser Leu Leu Val Ile Phe Cys
83           95          100          105
84   Val Glu Leu Ala Cys Gly Val Trp Thr Tyr Glu Gln Glu Leu Met
85          110          115          120
86   Val Pro Val Gln Trp Ser Asp Met Val Thr Leu Lys Ala Arg Met
87          125          130          135
88   Thr Asn Tyr Gly Leu Pro Arg Tyr Arg Trp Leu Thr His Ala Trp
89          140          145          150
90   Asn Phe Phe Gln Arg Glu Phe Lys Cys Cys Gly Val Val Tyr Phe
91          155          160          165
92   Thr Asp Trp Leu Glu Met Thr Glu Met Asp Trp Pro Pro Asp Ser
93          170          175          180
94   Cys Cys Val Arg Glu Phe Pro Gly Cys Ser Lys Gln Ala His Gln

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95          185          190          195
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97          200          205          210
98  Tyr Ser Phe Leu Arg Gly Thr Lys Gln Leu Gln Val Leu Arg Phe
99          215          220          225
100  Leu Gly Ile Ser Ile Gly Val Thr Gln Ile Leu Ala Met Ile Leu
101          230          235          240
102  Thr Ile Thr Leu Leu Trp Ala Leu Tyr Tyr Asp Arg Arg Glu Pro
103          245          250          255
104  Gly Thr Asp Gln Met Met Ser Leu Lys Asn Asp Asn Ser Gln His
105          260          265          270
106  Leu Ser Cys Pro Ser Val Glu Leu Leu Lys Pro Ser Leu Ser Arg
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108  Ile Phe Glu His Thr Ser Met Ala Asn Ser Phe Asn Thr His Phe
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110  Glu Met Glu Glu Leu
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123  attattgggt gttgcggcat tgccctgact gcggagtga tcttctttgt atctgaccaa 180
124  cacagcctct acccactgct tgaagccacc gacaacgatg acatctatgg ggctgcctgg 240
125  atcggcata tttgtgggcat ctgcctcttc tgctgtctg ttctaggcat ttaggcatac 300
126  atgaagtcca gcaggaaaat tcttctggcg tatttcattc tgatgtttat agtatatgcc 360
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128  ttctgaagc agatgctaga gaggtaccaa aacaacagcc ctccaaacaa tgatgaccag 480
129  tggaaaaaca atggagtcac caaaacctgg gacaggctca tgctccagga caattgctgt 540
130  ggcgtaaatg gtccatcaga ctggcaaaaa tacacatctg ccttccggac tgagaataat 600
131  gatgctgact atccctggcc tcgtcaatgc tgtgttatga acaatcttaa agaacctctc 660
132  aacctggagg cttgtaaact aggcgtgcct ggttttatc acaatcaggg ctgctatgaa 720
133  ctgatctctg gtccaatgaa ccgacacgcc tggggggttg cctgggtttg atttgccatt 780
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136  accagctctc tcctaataat ccacgtttgt gccccacact aacgtgtgtg tottacattg 960
137  ccaagtcaga tggtagcgac ttcccttagg atctcaggct tctgcagttc tcatgactcc 1020
138  tacttttcat cctagtctag cattctgcaa catttatata gactgttgaa aggagaattt 1080
139  gaaaaatgca taataactac ttccatccct gcttattttt aatttgggaa aataaataca 1140
140  ttcgaaggaa aaacaaaaaa aaggcgccgc cccgattatt gaggggtccc gagcccgaa 1200
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Output Set: N:\CRF3\08282002\I830328A.raw

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146 <211> LENGTH: 2768
147 <212> TYPE: DNA
148 <213> ORGANISM: Homo sapiens
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151 <223> OTHER INFORMATION: Incyte ID No: 2674553CB1
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155      gggacaagaa acaccacta ggaccaacc ccggcagcca gcggctcgag catgcgctga 180
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157      ggagggacag cggcgtgagg aggtggctta gcagagactt tccagcaact gctgccagg 300
158      actttttttt ttttttttct ttttcccagg aggcggcgac ggcggcgggc gggggagagg 360
159      aagagaaaga agcgtctcca gctgaagcca atgcagccct ccggctctcc gcgaagaagt 420
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184      tatataaagt actaattaaa tgctaacata ggaagttaga aaatactaat aacttttatt 1920
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186      gtgactacct aaatgtgatt tttgctggtt actaaaatat tcttaccact taaaagagca 2040
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190      tcttgggctt atattacaca tataactgtt atttaaatat ttaaccacta attttgaaaa 2280
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192      aataagaaaa tttgcacata acttagttga ttcagaaaag acttgtagtc tgtttttctc 2400
193      ccaaatgaag actctttttg aactaaaca ctttttaaaa agcttatctt tgcccttctc 2460
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DATE: 08/28/2002

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TIME: 12:46:59

Input Set : N:\Crif3\08262002\I830328.raw

Output Set: N:\CRF3\08282002\I830328A.raw

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 197 atagtatatt tatttgaaat gggaaaagtg cattttactg tattttgtgt attttgttta 2700
 198 tttctcagaa tatggaaaga aaattaaaat gtgtcaataa atattttcta gagagtaaaa 2760
 199 aaaaaaaaaa 2768

201 <210> SEQ ID NO: 5

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 212 Ala Glu Cys Ile Phe Phe Val Ser Asp Gln Asn Ser Leu Tyr Pro
 213 35 40 45
 214 Leu Leu Glu Ala Thr Asn Asn Asp Asp Ile Tyr Ala Ala Ala Trp
 215 50 55 60
 216 Ile Gly Met Ser Val Gly Ile Cys Leu Phe Cys Leu Ser Val Leu
 217 65 70 75
 218 Gly Ile Val Gly Ile Met Lys Ser Asn Arg Lys Ile Leu Leu Val
 219 80 85 90
 220 Tyr Phe Ile Leu Met Phe Ile Val Tyr Ala Phe Glu Val Ala Ser
 221 95 100 105
 222 Cys Ile Thr Ala Ala Thr Gln Arg Asp Phe Phe Thr Pro Asn Leu
 223 110 115 120
 224 Phe Leu Lys Gln Met Leu Glu Arg Tyr Gln Asn Asn Ser Pro Pro
 225 125 130 135
 226 Asn Asn Asp Asp Gln Trp Lys Asn Asn Gly Val Thr Lys Thr Trp
 227 140 145 150
 228 Asp Arg Leu Met Leu Gln Asp Asn Cys Cys Gly Val Asn Gly Pro
 229 155 160 165
 230 Ser Asp Trp Gln Lys Tyr Thr Ser Ala Phe Arg Thr Glu Asn Ser
 231 170 175 180
 232 Asp Ala Asp Tyr Pro Trp Pro Arg Gln Cys Cys Val Met Asn Ser
 233 185 190 195
 234 Leu Lys Glu Pro Leu Asn Leu Asp Ala Cys Lys Leu Gly Val Pro
 235 200 205 210
 236 Gly Tyr Tyr His Ser His Gly Cys Tyr Glu Leu Ile Ser Gly Pro
 237 215 220 225
 238 Met Asn Arg His Ala Trp Gly Val Ala Trp Phe Gly Phe Ala Ile
 239 230 235 240
 240 Leu Cys Trp Thr Phe Trp Val Leu Leu Gly Thr Met Phe Tyr Trp
 241 245 250 255
 242 Ser Arg Ile Asp Tyr
 243 260
 245 <210> SEQ ID NO: 6

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 and its
 response whenever
 <308> has a
 response
 same
 error
 in seqs 6-7

VERIFICATION SUMMARY

DATE: 08/28/2002

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TIME: 12:47:00

Input Set : N:\Crf3\08262002\I830328.raw

Output Set: N:\CRF3\08282002\I830328A.raw

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L:251 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:6
L:293 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:7